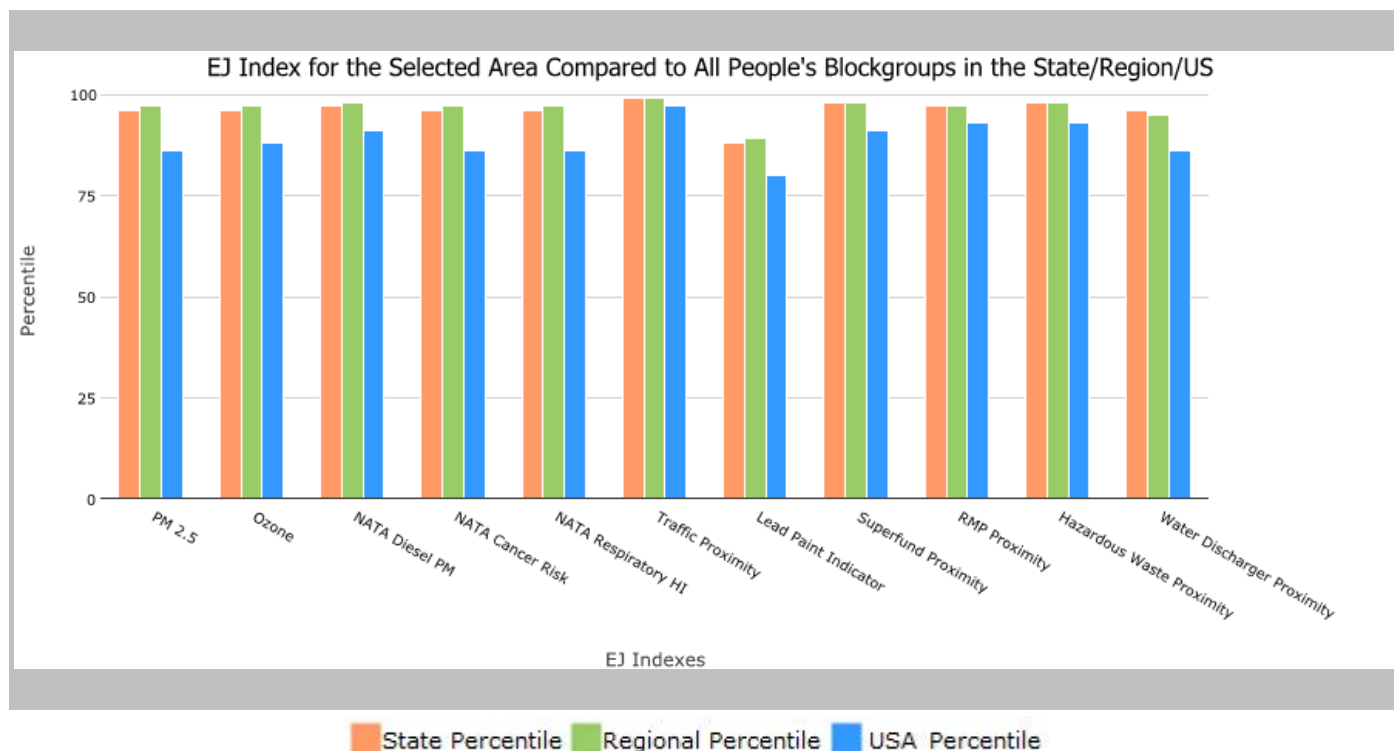


Blockgroup: 290950161001, MISSOURI, EPA Region 7

Approximate Population: 1,310

Input Area (sq. miles): 0.44

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	96	97	86
EJ Index for Ozone	96	97	88
EJ Index for NATA* Diesel PM	97	98	91
EJ Index for NATA* Air Toxics Cancer Risk	96	97	86
EJ Index for NATA* Respiratory Hazard Index	96	97	86
EJ Index for Traffic Proximity and Volume	99	99	97
EJ Index for Lead Paint Indicator	88	89	80
EJ Index for Superfund Proximity	98	98	91
EJ Index for RMP Proximity	97	97	93
EJ Index for Hazardous Waste Proximity ⁺	98	98	93
EJ Index for Water Discharger Proximity	96	95	86

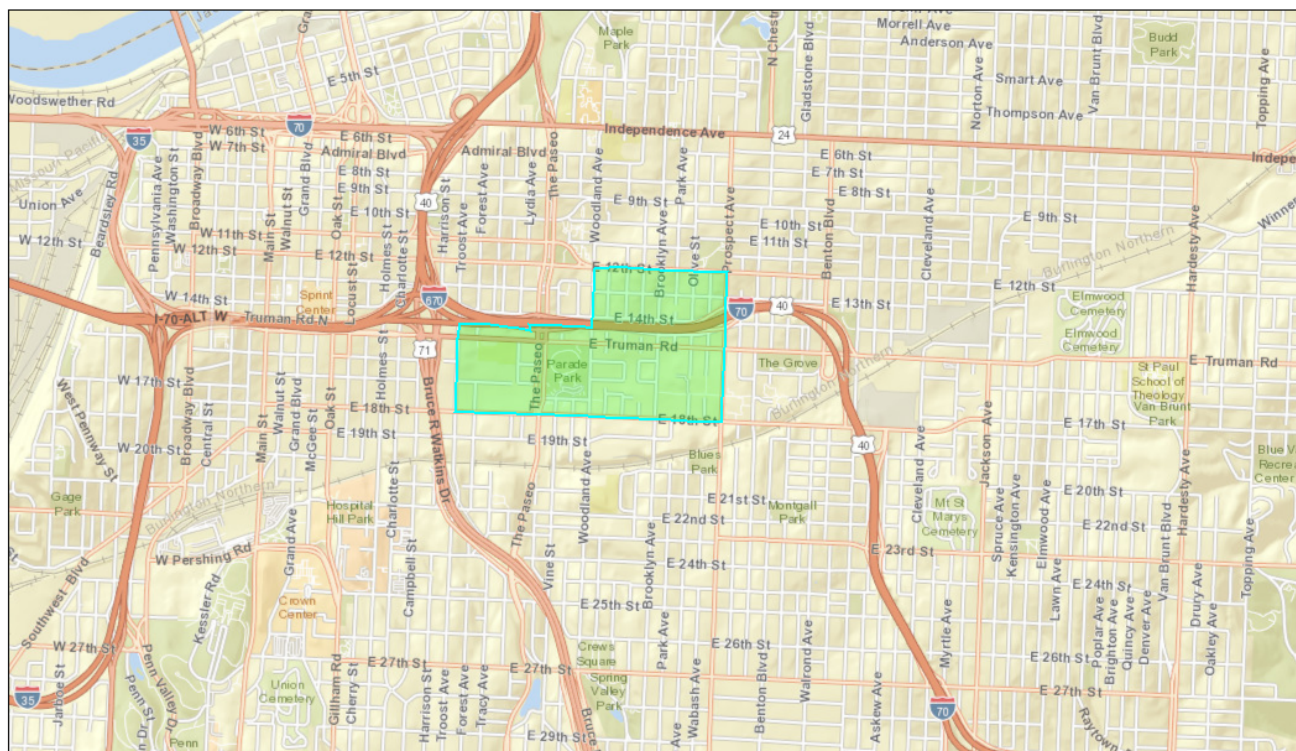


This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

Blockgroup: 290950161001, MISSOURI, EPA Region 7

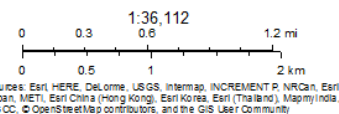
Approximate Population: 1,310

Input Area (sq. miles): 0.44



December 15, 2016

Digitized Polygon



Sites reporting to EPA		
Superfund NPL		0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)		0
National Pollutant Discharge Elimination System (NPDES)		0

EJSCREEN Report (Version 2016)

Blockgroup: 290950161001, MISSOURI, EPA Region 7

Approximate Population: 1,310

Input Area (sq. miles): 0.44

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	10.4	10.2	67	9.75	84	9.32	76
Ozone (ppb)	55.4	54.7	59	53	67	47.4	88
NATA* Diesel PM ($\mu\text{g}/\text{m}^3$)	1.86	0.952	91	0.779	95-100th	0.937	90-95th
NATA* Cancer Risk (lifetime risk per million)	49	43	74	38	80-90th	40	80-90th
NATA* Respiratory Hazard Index	2.2	1.7	78	1.5	80-90th	1.8	70-80th
Traffic Proximity and Volume (daily traffic count/distance to road)	3200	270	99	490	96	590	96
Lead Paint Indicator (% Pre-1960 Housing)	0.14	0.3	40	0.36	34	0.3	43
Superfund Proximity (site count/km distance)	0.18	0.094	87	0.097	87	0.13	83
RMP Proximity (facility count/km distance)	1	0.39	90	0.59	81	0.43	88
Hazardous Waste Proximity* (facility count/km distance)	0.26	0.097	93	0.099	93	0.11	92
Water Discharger Proximity (facility count/km distance)	0.2	0.22	68	0.22	68	0.31	63
Demographic Indicators							
Demographic Index	72%	27%	95	26%	96	36%	90
Minority Population	98%	20%	98	18%	99	37%	96
Low Income Population	47%	35%	72	33%	76	35%	72
Linguistically Isolated Population	0%	1%	71	2%	65	5%	44
Population With Less Than High School Education	11%	12%	52	11%	61	14%	50
Population Under 5 years of age	3%	6%	18	7%	16	6%	19
Population over 64 years of age	19%	15%	74	14%	73	14%	77

* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

+ The hazardous waste environmental indicator and the corresponding EJ index will appear as N/A if there are no hazardous waste facilities within 50 km of a selected location.

For additional information, see: www.epa.gov/environmentaljustice

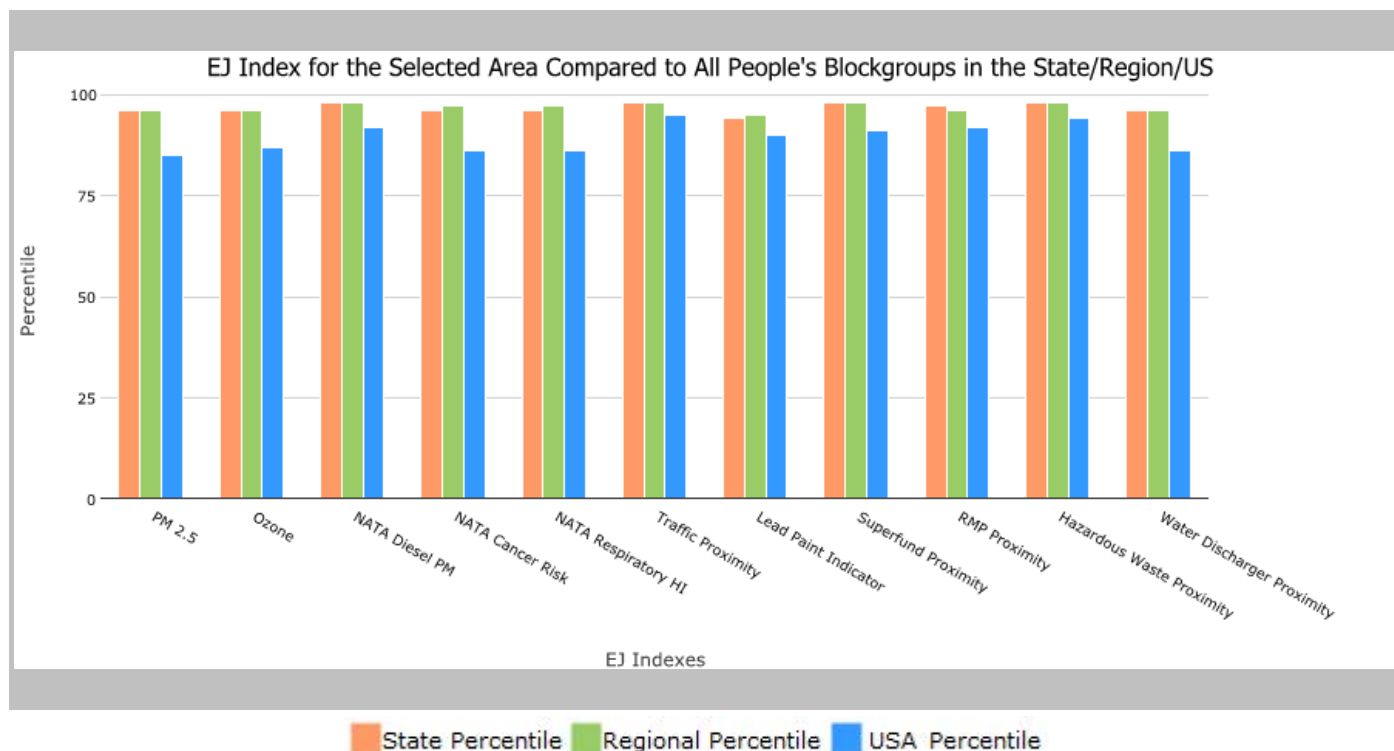
EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

1 mile Ring Centered at 39.092959,-94.556543, MISSOURI, EPA Region 7

Approximate Population: 9,462

Input Area (sq. miles): 3.14

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	96	96	85
EJ Index for Ozone	96	96	87
EJ Index for NATA* Diesel PM	98	98	92
EJ Index for NATA* Air Toxics Cancer Risk	96	97	86
EJ Index for NATA* Respiratory Hazard Index	96	97	86
EJ Index for Traffic Proximity and Volume	98	98	95
EJ Index for Lead Paint Indicator	94	95	90
EJ Index for Superfund Proximity	98	98	91
EJ Index for RMP Proximity	97	96	92
EJ Index for Hazardous Waste Proximity ⁺	98	98	94
EJ Index for Water Discharger Proximity	96	96	86

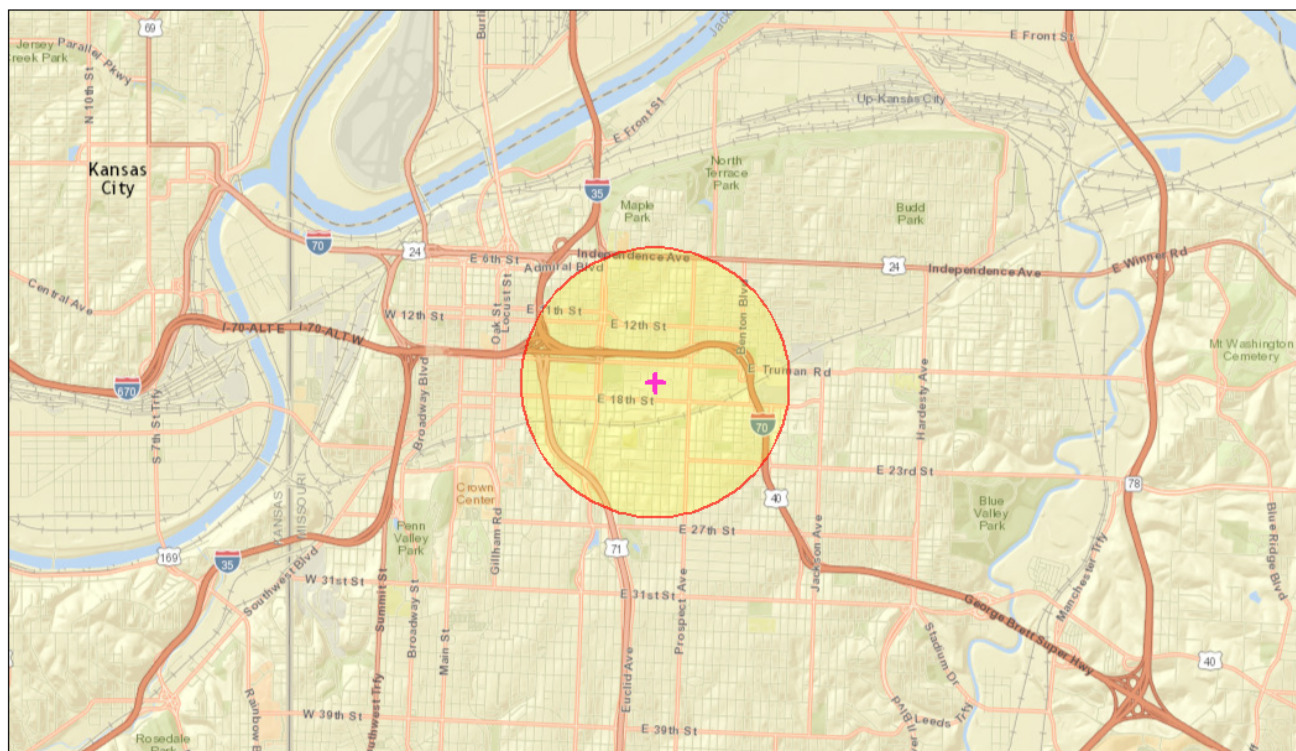


This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

1 mile Ring Centered at 39.092959,-94.556543, MISSOURI, EPA Region 7

Approximate Population: 9,462

Input Area (sq. miles): 3.14



December 15, 2016

Buffer Area

+ Digitized Point

1:72,224

0 0.5 1 2 mi
0 1 2 4 km

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, OpenStreetMap contributors, and the GIS User Community

Sites reporting to EPA

Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0
National Pollutant Discharge Elimination System (NPDES)	0

EJSCREEN Report (Version 2016)

1 mile Ring Centered at 39.092959,-94.556543, MISSOURI, EPA Region 7

Approximate Population: 9,462

Input Area (sq. miles): 3.14

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	10.4	10.2	68	9.75	84	9.32	76
Ozone (ppb)	55.5	54.7	60	53	67	47.4	88
NATA* Diesel PM ($\mu\text{g}/\text{m}^3$)	2.05	0.952	94	0.779	95-100th	0.937	90-95th
NATA* Cancer Risk (lifetime risk per million)	50	43	77	38	80-90th	40	80-90th
NATA* Respiratory Hazard Index	2.4	1.7	85	1.5	90-95th	1.8	70-80th
Traffic Proximity and Volume (daily traffic count/distance to road)	1700	270	96	490	93	590	92
Lead Paint Indicator (% Pre-1960 Housing)	0.45	0.3	75	0.36	64	0.3	72
Superfund Proximity (site count/km distance)	0.18	0.094	88	0.097	88	0.13	84
RMP Proximity (facility count/km distance)	0.97	0.39	89	0.59	80	0.43	87
Hazardous Waste Proximity* (facility count/km distance)	0.28	0.097	94	0.099	94	0.11	93
Water Discharger Proximity (facility count/km distance)	0.22	0.22	71	0.22	71	0.31	66
Demographic Indicators							
Demographic Index	81%	27%	97	26%	98	36%	95
Minority Population	87%	20%	95	18%	97	37%	88
Low Income Population	74%	35%	95	33%	96	35%	94
Linguistically Isolated Population	4%	1%	92	2%	88	5%	69
Population With Less Than High School Education	27%	12%	92	11%	93	14%	85
Population Under 5 years of age	9%	6%	82	7%	80	6%	79
Population over 64 years of age	10%	15%	31	14%	32	14%	39

* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

+ The hazardous waste environmental indicator and the corresponding EJ index will appear as N/A if there are no hazardous waste facilities within 50 km of a selected location.

For additional information, see: www.epa.gov/environmentaljustice

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

Blunk, Terri

From: Corazzin, Brendan
Sent: Thursday, December 15, 2016 2:27 PM
To: Blunk, Terri
Cc: Moses, Althea
Subject: RE: Need an EJ Screen report
Attachments: Belfonte Ice Cream_ejscreen_Blockgroup.pdf; Belfonte Ice Cream_ejscreen_1 Mile.pdf

Hi Terri-

According to the EJSCREEN tool, the data does indicate potential areas of EJ concern. Please see the attached reports for specific information regarding the community surrounding this facility.

Programs should use the flexibility of their statutory authority to address potential EJ concerns as warranted by this initial review. Staff should record the findings of this screen report in the corresponding Case Conclusion Data Sheet and other applicable sources for future reference. Please contact Brendan Corazzin (x7429) or Althea Moses (x7649) if further assistance is needed or there are questions regarding the information provided. It is our goal to ensure fair treatment and meaningful involvement of all people. Thank you.

Brendan Corazzin
Environmental Protection Agency
Region 7
Enforcement Coordination Office
11201 Renner Boulevard
Lenexa KS 66219
Phone: 913-551-7429
e-mail: corazzin.brendan@epa.gov

From: Blunk, Terri
Sent: Wednesday, December 14, 2016 10:08 AM
To: Corazzin, Brendan <corazzin.brendan@epa.gov>
Subject: Need an EJ Screen report

Brendan,

I need an EJ screen report for the following address/facility:

Belfonte Ice Cream
1511 Brooklyn Avenue
Kansas City, MO 64127

Terri Blunk

EPA Region 7
Chemical & Oil Release Prevention Branch
Outreach/EO 13650 Coordinator
EPCRA Nebraska State Coordinator
blunk.terri@epa.gov
913-551-7013